

Figure 1

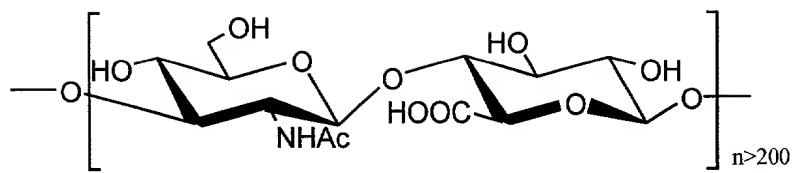
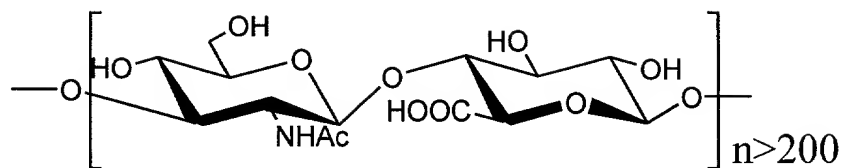
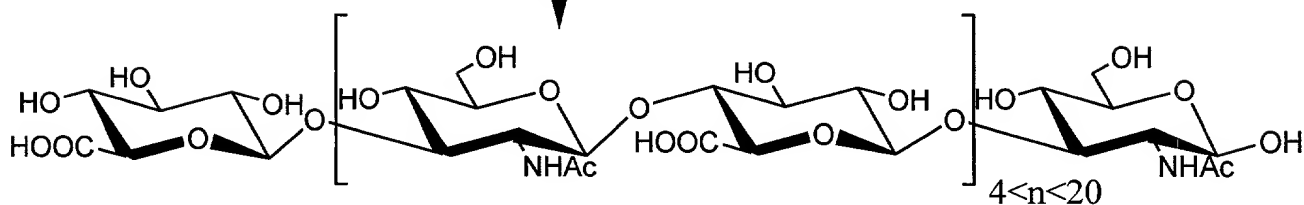


Figure 2



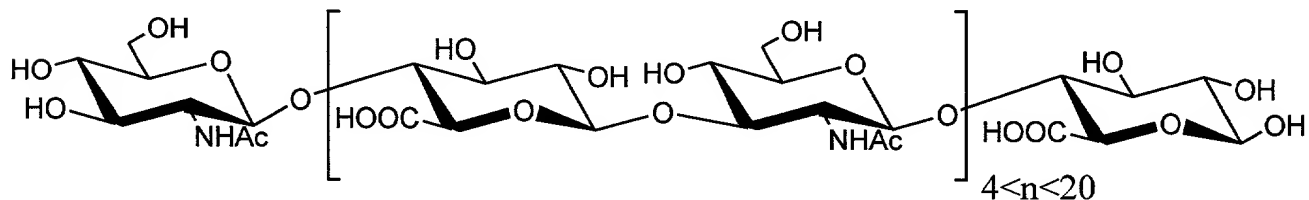
High Molecular weight HA

Sonication and/or  $H^+$



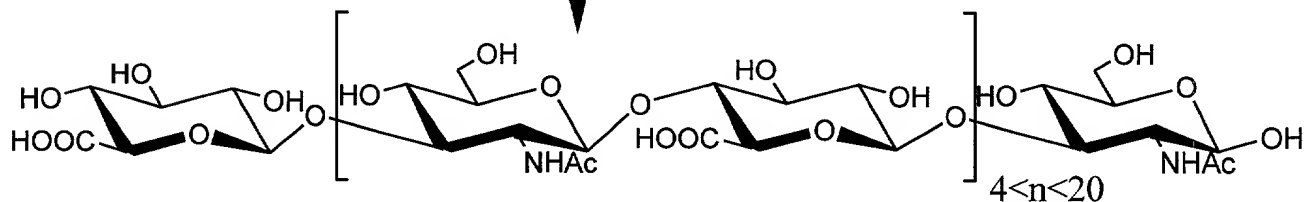
Low Molecular weight HA

+



Low Molecular weight HA

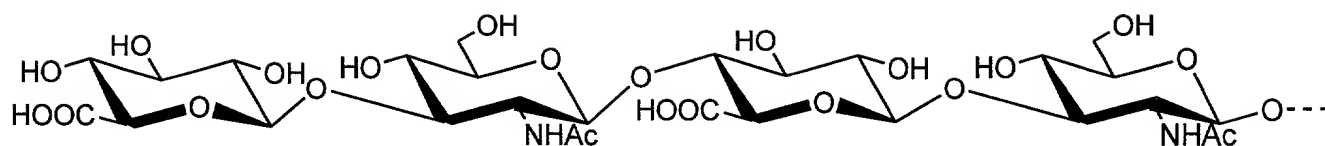
exo- $\beta$ -NAc-Glucosaminidase



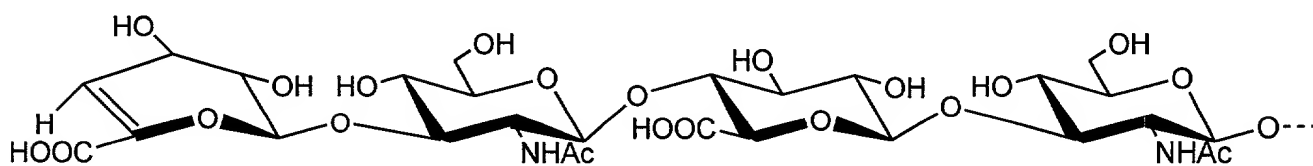
Low Molecular weight HA

Figure 3

a)



b)



# ELISA Titers of New Zealand White Rabbits Immunized with Sonicated HA-TT Conjugates

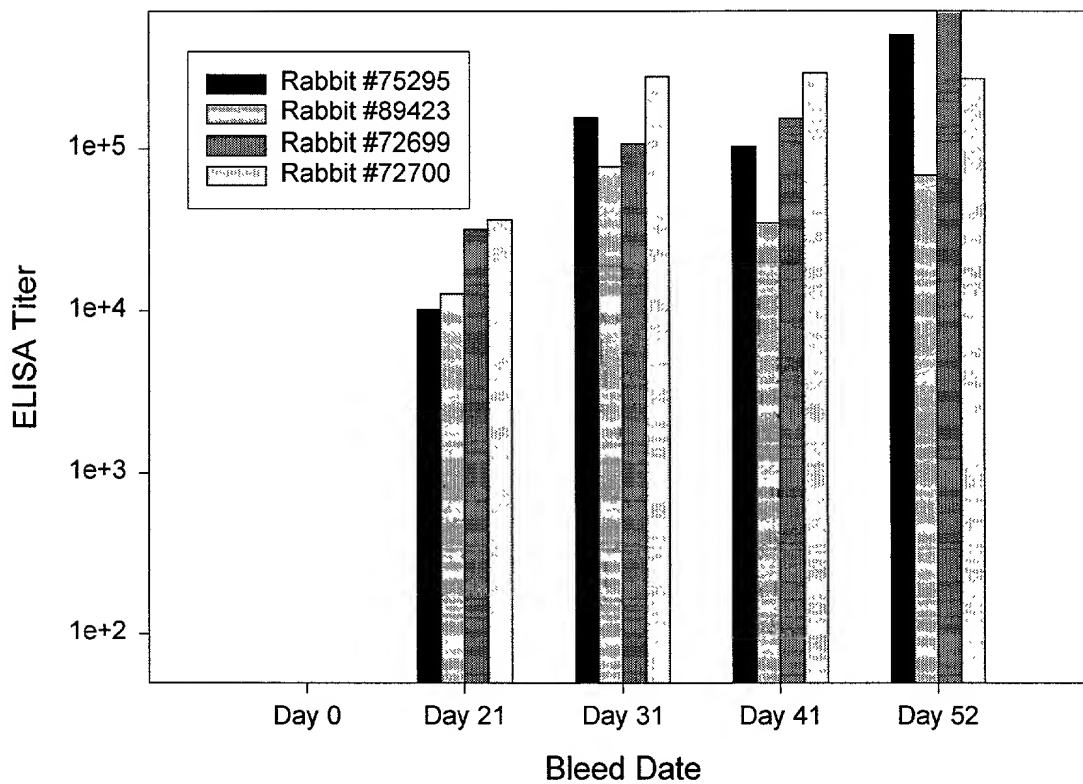


Figure 4

# ELISA Titers of New Zealand White Rabbits Immunized with Acid Hydrolyzed HA-TT Conjugates

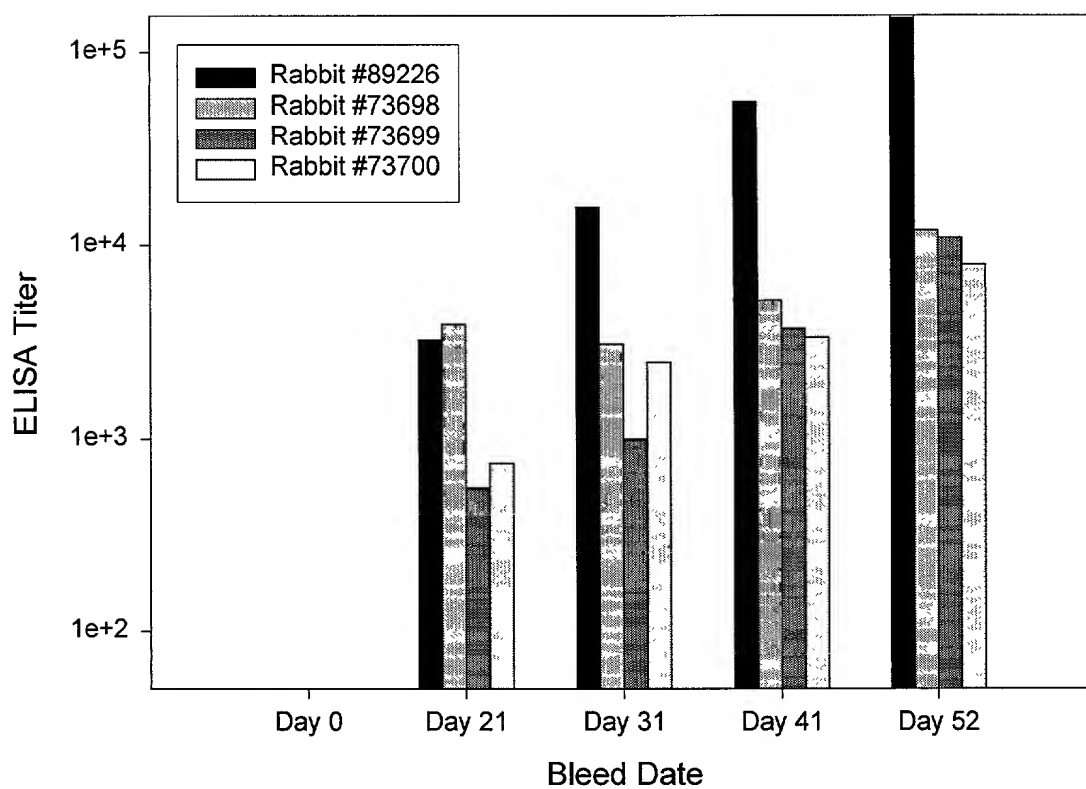


Figure 5

# Titration of New Zealand White Rabbit Antisera Rabbits Immunized with Sonicated HA-TT Conjugate

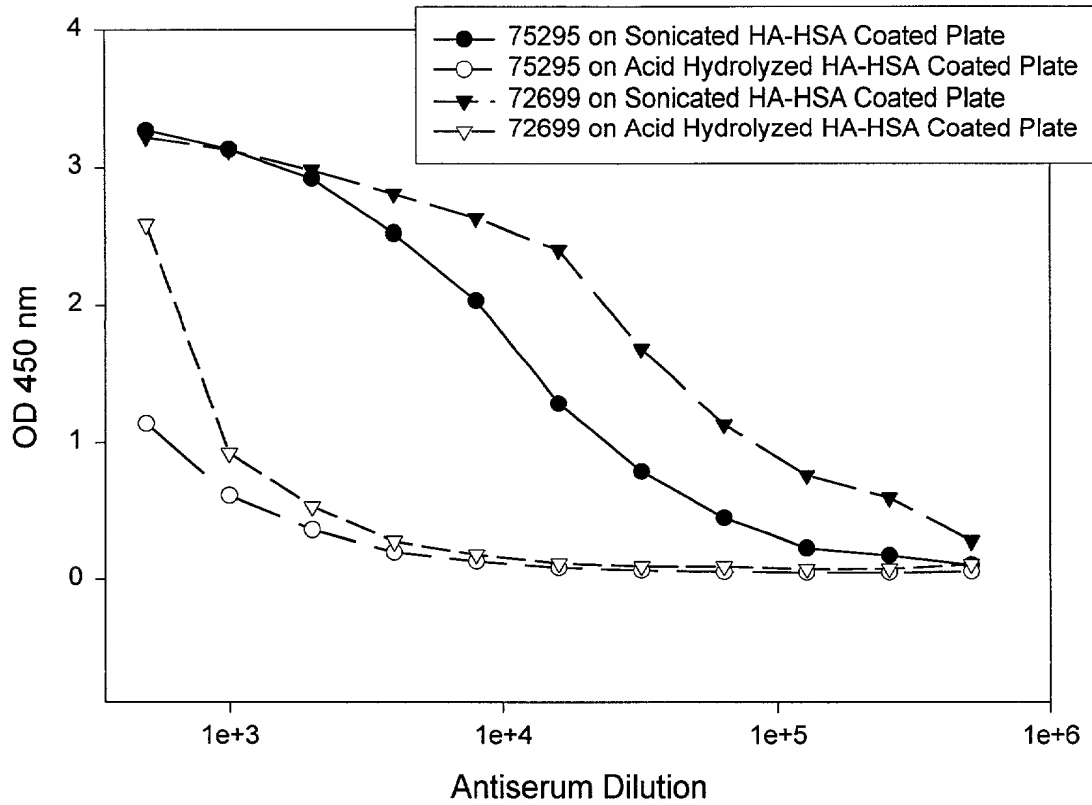


Figure 6

Titration of New Zealand White Antisera  
Rabbits Immunized with Acid Hydrolyzed HA-TT Conjugate

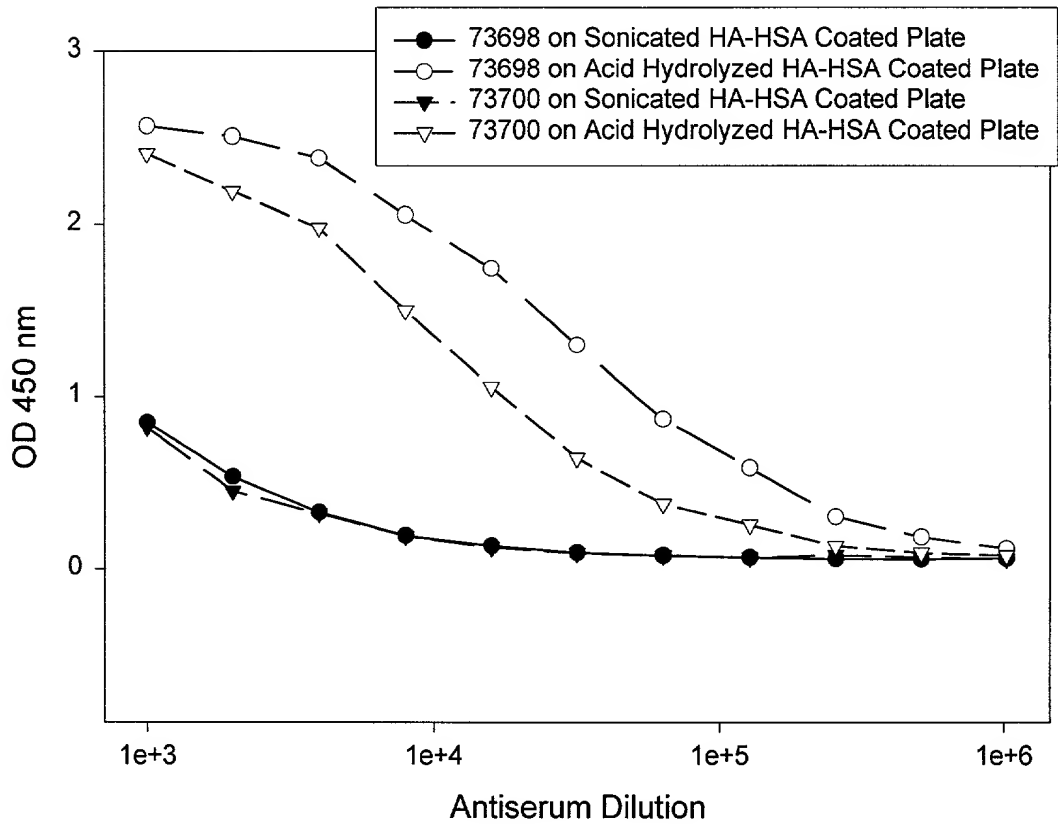


Figure 7

# Inhibition of Rabbit Anti-Sonicated HA-TT #75295 Sonicated HA-HSA Coated Plates

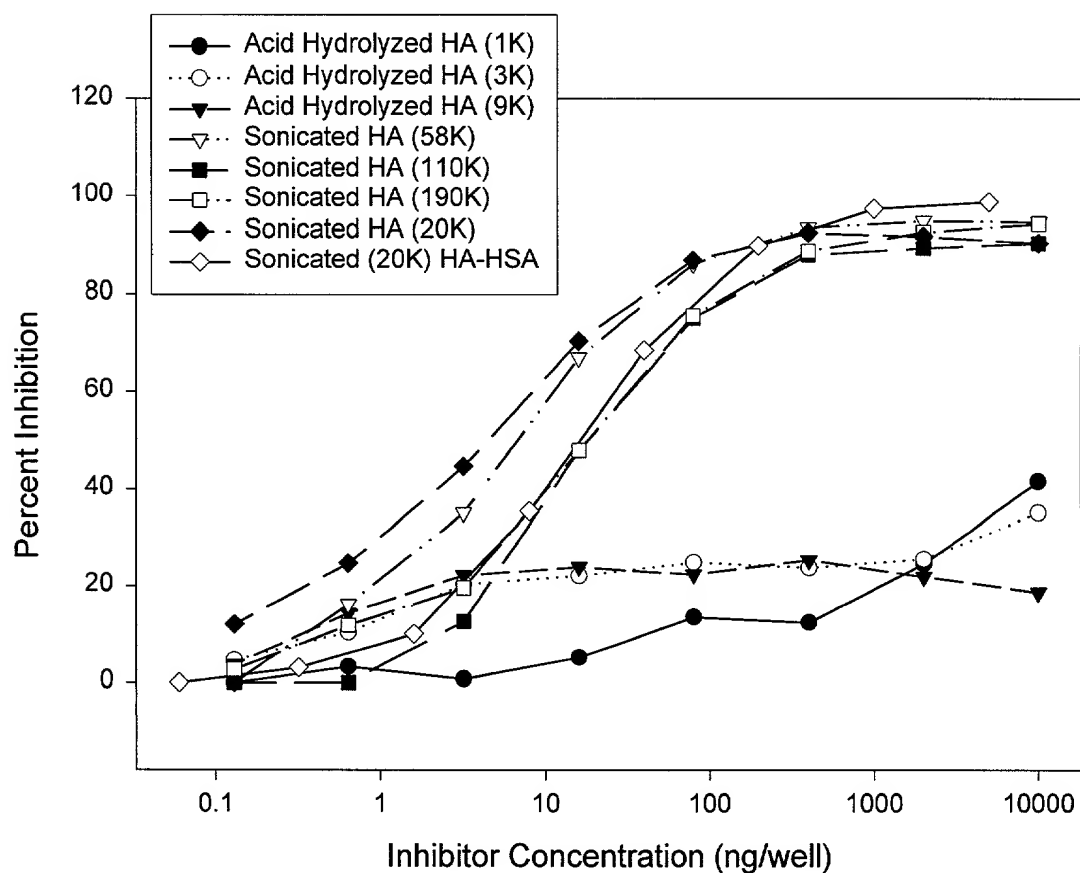


Figure 8



# Inhibition of Rabbit Anti-Sonicated HA-TT #75295 Sonicated HA-HSA Coated Plate

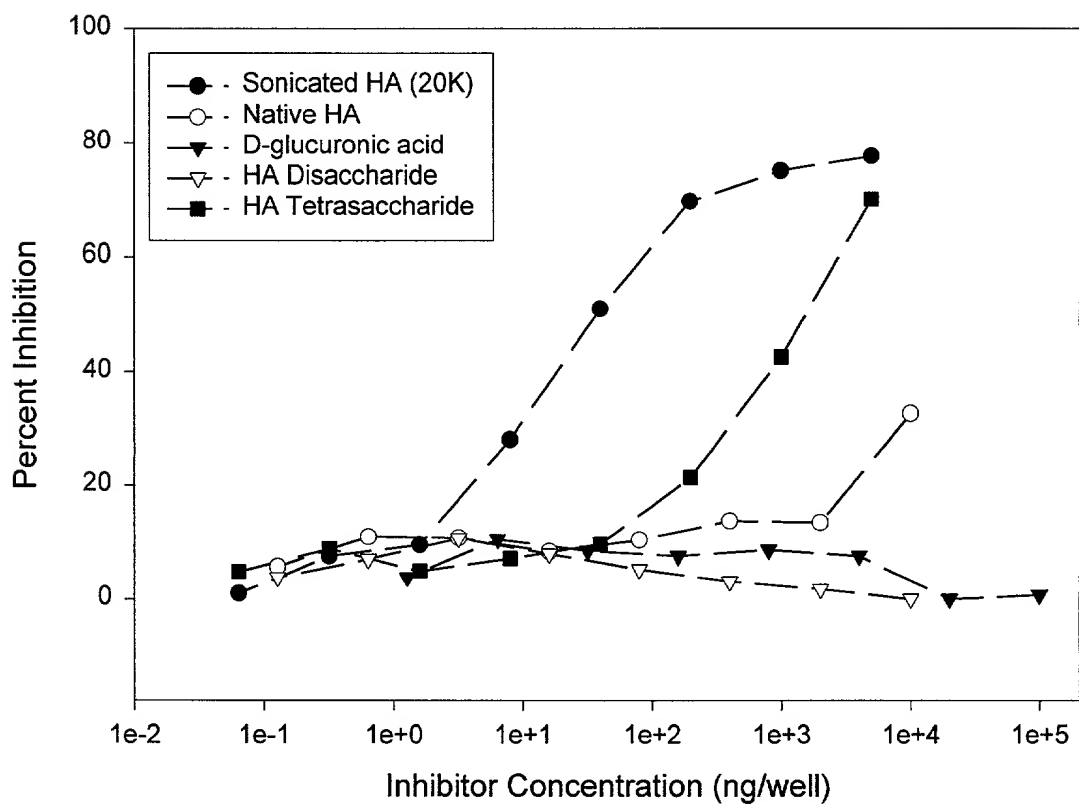


Figure 9

# Inhibition of Rabbit Anti-Sonicated HA-TT #72700 Sonicated HA-HSA Coated Plate

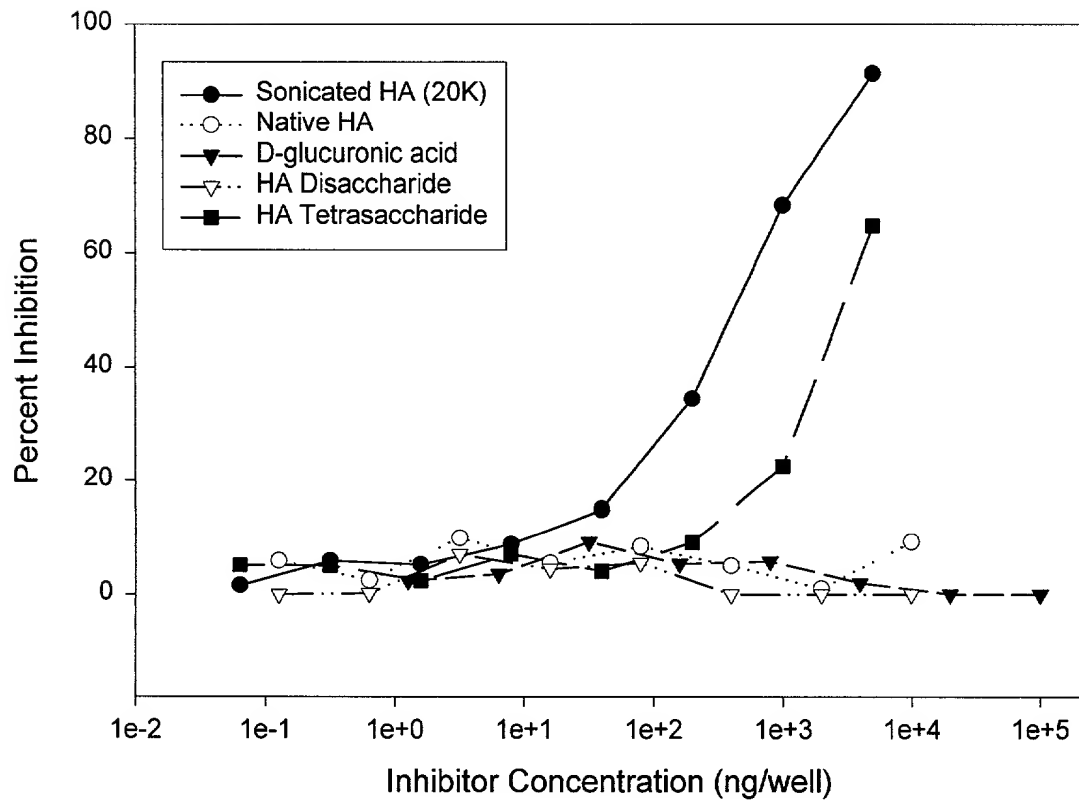


Figure 10

# Inhibition of Rabbit Anti-Sonicated HA-TT #72700 Sonicated HA-HSA Coated Plate

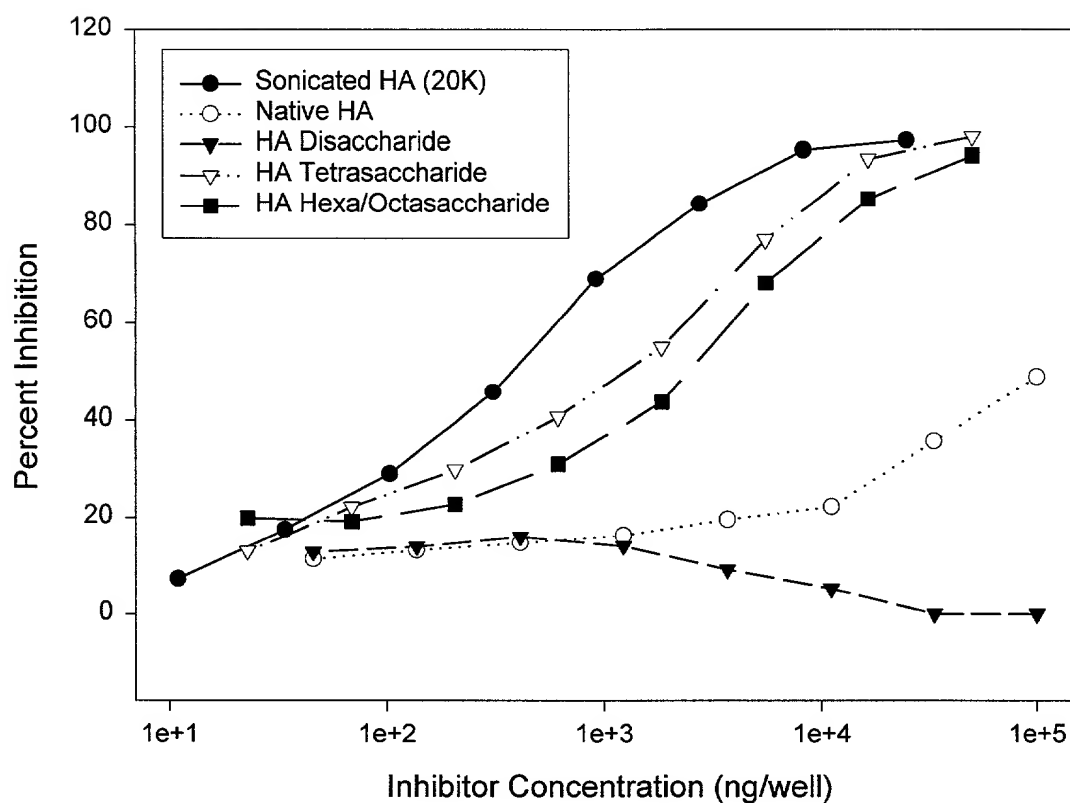


Figure 11

# ELISA Titers of BALB/c Mice Immunized with HA-rPorB Conjugate

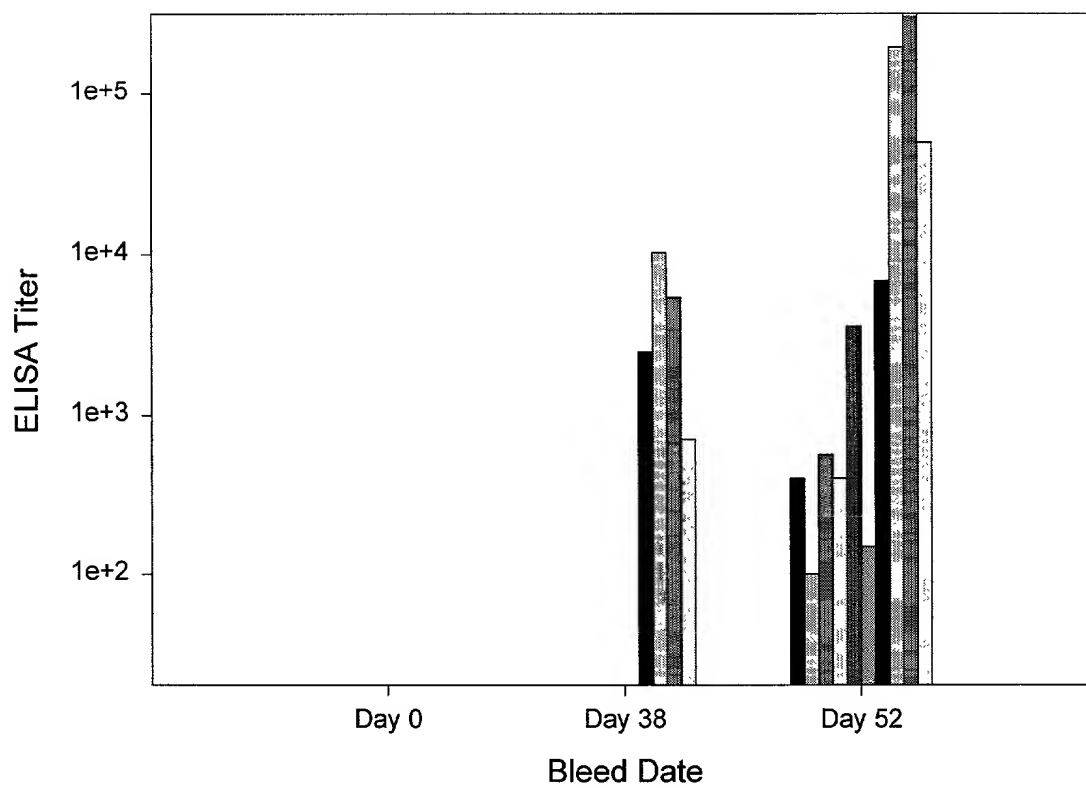


Figure 12

# ELISA Titers of CD1 Mice Immunized with HA-rPorB Conjugate

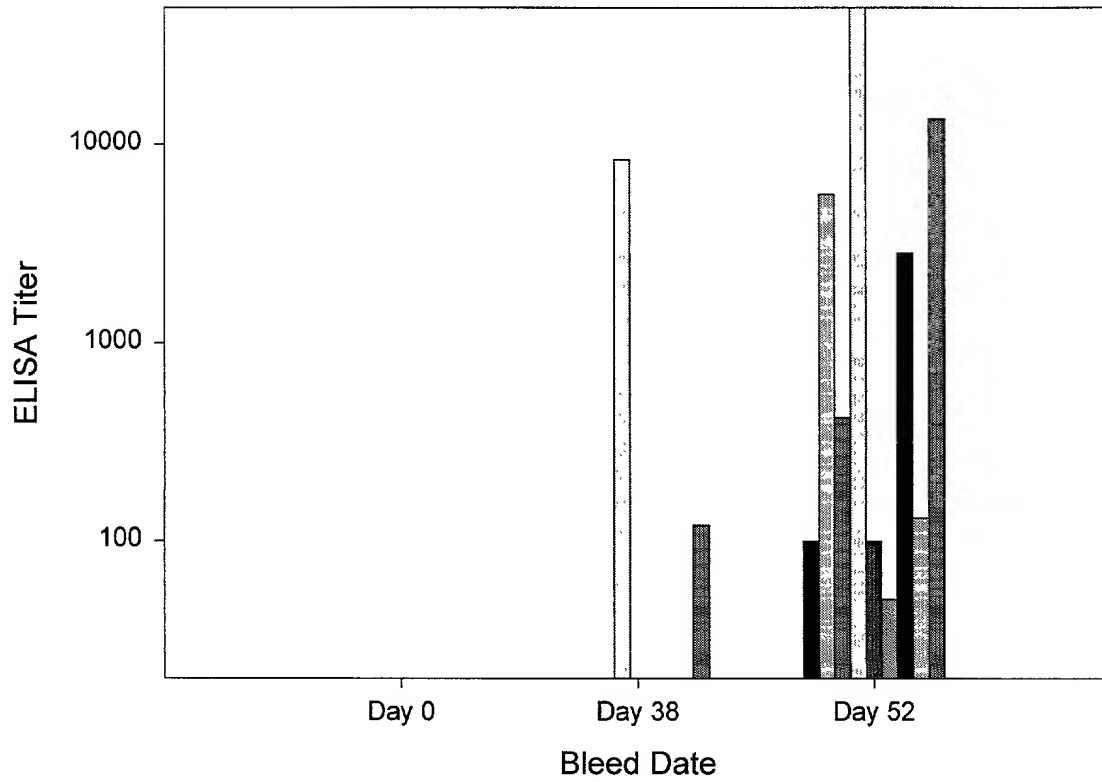


Figure 13

# Passive Immunization of Balb/c with Rabbit Antisera Challenge with GAS type 6

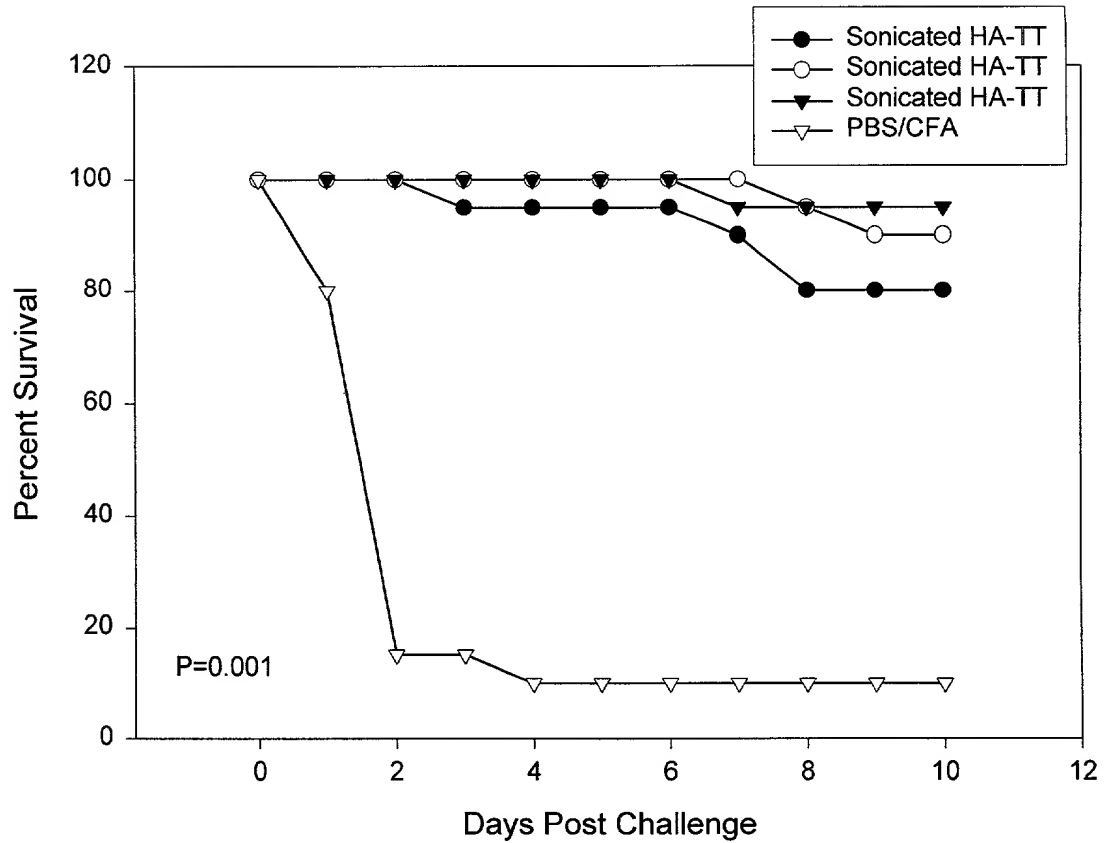


Figure 14

# Passive Immunization of Balb/c with Rabbit Antisera Challenge with GAS type 3 D58

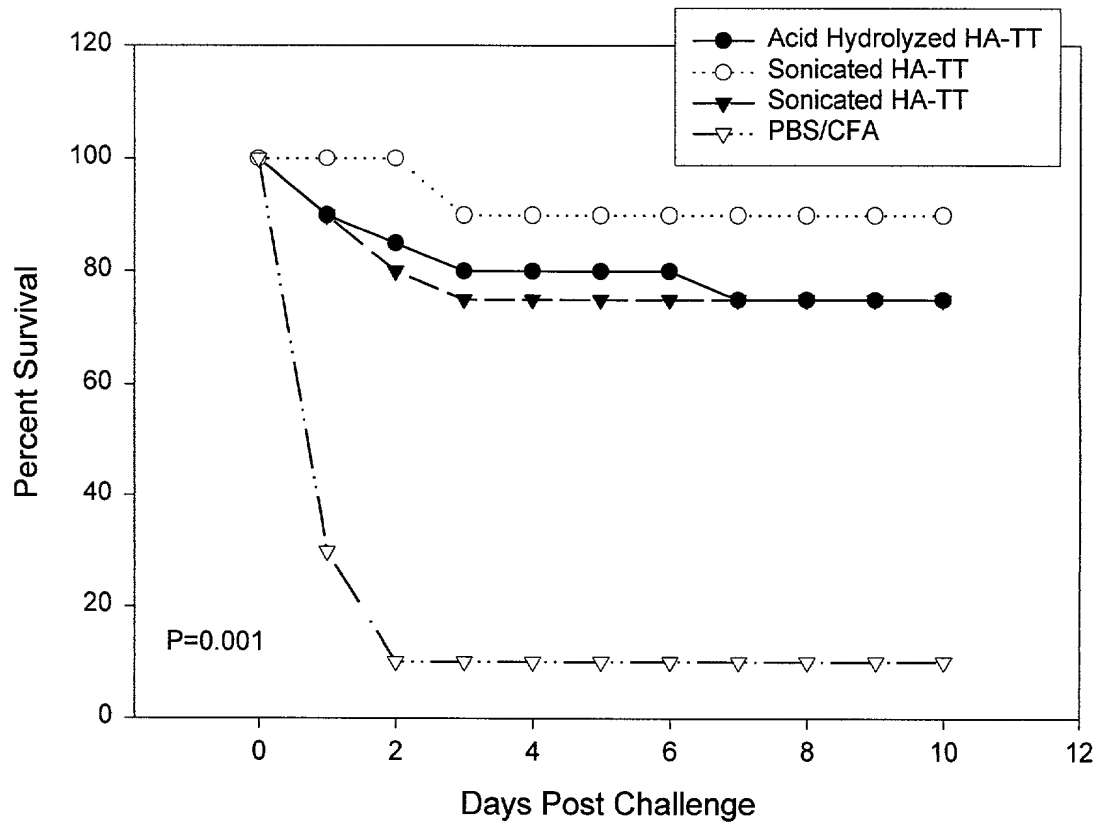


Figure 15